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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JEONG et al.

Application No.:	Unassigned	Art Unit:	Unassigned
Filed:	May 29, 2001	Examiner:	Unassigned
For:	SYSTEM FOR MATCHING STEREO IMAGE IN REAL TIME		

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D. C. 20231

Dear Sir:

Prior to the examination of the above-identified patent application, please enter the following amendments and consider the following remarks.

IN THE SPECIFICATION

Replace the paragraph beginning at page 1, line 25, with:

A CANCL CON

In an article [Stuart Geman and Donald Geman. Stochastic relaxation, Gibbs distributions, and the Bayesian restoration of images. IEEE Transactions on Pattern Analysis and Machine Intelligence, PAMI-6(6):721-741, November 1984], a stereo matching method using Markov random fields and stochastic optimization methods, based on simulated annealing presented by S. Kirkpatrick et al., "Optimization by Simulated Annealing", Science, May 1983, pg. 671-680, is described. This has been further developed by others, for example, Geiger and Girosi using mean field theory. However, this class of methods is iterative in nature resulting in very long computational times that are not suitable for real time stereo matching.